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based on PCT/CA2004/000559

I CLAIM:

1. (Original) A preformed wall panel having base and top ends and two vertical side edges, comprising:
 - a) a wall portion having a width and height fitted with a vertical flange form with an interior flange volume for creating a flange on the wall portion when filled with binder material; and
 - b) a footing form fitted along the wall portion proximate to the base end of the wall panel to provide a downwardly open footing volume, wherein said vertical flange form and footing form define interconnected volumes and wherein said forms serve to contain binder material poured into the footing form through the vertical flange form to provide said wall portion with both a flange and a footing, and wherein the footing form of the panel extends along the base end of the panel for the width of the panel to provide a continuous footing volume whereby the footing form can be filled with a continuous volume of binder material that serves as the footing along the base end of the panel.
2. (Original) A preformed wall panel as in claim 1 comprising a trough form mounted along the top end of the wall portion defining a trough volume that communicates with said flange volume for receiving binder material at the same time that the vertical and footing forms are being filled with binder material.

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3. (Currently Amended) A wall panel as in claim 1 ~~for 2~~ comprising reinforcing coupling means protruding from said wall portion into any one or more of said flange, footing or trough volumes to position and support reinforcing rod to be placed within said one or more volumes.
4. (Currently Amended) A wall panel as in claim 1~~, 2 or 3~~ with reinforcing rod positioned within one or more of said one or more flange, footing or trough volumes.
5. (Original) A wall panel as in claim 4 wherein said one or more flange, footing or trough volumes is a footing volume and the reinforcing coupling means connects with and supports said reinforcing rod.
6. (Original) A wall panel as in claim 5 comprising flange-to-footing coupling means extending between the flange form volume and the footing volume to provide reinforcement for binder material to be cast therein.
7. (Original) A wall panel as in claim 6 wherein said flange-to-footing coupling means connects with said reinforcing rod positioned within the footing volume.

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8. (Currently Amended) A wall panel as in [any one of the foregoing claims] claim 1 wherein said footing form has an outer edge remote from said wall portion which outer edge is positioned beneath the base of the wall portion when the wall portion is suspended in a vertical plane, said footing form being made of a resilient material that will allow the outer edge to become aligned with the base end of the wall portion when the preformed wall panel is placed on a horizontal surface.

9. (Original) A wall panel as in claim 8 wherein the footing form is bent inwardly along said outer edge, extending into the footing volume and directed towards the wall portion.

10. (Original) A wall panel as in claim 9 wherein the footing form has a terminal edge which is positioned within the footing volume so as to be cast into the binder material of a footing when the footing form is filled with binder material to become coupled to the binder material.

11. (Original) A wall panel as in claim 9 wherein said terminal edge is an upwardly directed bent edge.

12. (Currently Amended) A wall panel as in [any one of the foregoing claims] claim 1 having vertical half-flange forms mounted on said wall portion along the

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two vertical side edges of the wall portion, the outer edge of at least one of said half-flange forms having at least portions of its surface extending to overlap and permit coupling to an adjacent half flange form when two of said wall panels with half flange forms are abutted together.

13. (Currently Amended) A preformed wall panel as in [any one of the foregoing claims] claim 1 wherein the material for the flange and footing forms is of sheet material which is fastened by embedment to the panel wall portion of edges of the sheet material which edges are interrupted from alignment in a straight line so as to reduce the tendency for cracks to proliferate in the wall portion.

14. (Currently Amended) A preformed wall panel as in [any one of the foregoing claims] claim 1 comprising a beam support post form fitted to said wall portion, said beam support post form being notched at its upper end, below the top end of the wall panel, to receive the end of a beam, and providing an upwardly extending open volume adjacent said wall panel for receiving binder material.

15. (Currently Amended) A building wall system comprising a plurality of panels as in [any one of the above claims] claim 1 for mounting on a base surface wherein the footing forms of the respective panels are aligned to provide against

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said base surface a series of continuous, interconnected footing volumes extending between consecutive footing forms of each panel whereby the footing forms can be filled with a continuous volume of binder material that serves as the footing for the wall.

16. (Original) A building wall system as in claim 15 comprising reinforcing means laid in the interconnected footing volumes before they are filled with binder material to become embedded therein once the forms are filled with binder material.
17. (Currently Amended) A building wall system as in claim 15 [~~or 16~~] comprising two wall sections meeting at an angle and further comprising a corner piece having vertical faces shaped to abut the vertical side edges of adjacent wall panels of said respective wall sections, said adjacent wall panels having vertical half-forms mounted along said abutting vertical side edges and further comprising a joiner piece for joining said respective half-forms.
18. (Original) A building wall system as in claim 17 comprising at least one positioning plate with upwardly bent flanges for positioning beneath said corner piece, said flanges embracing portions of the base ends of said respective abutting wall panels.

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19. (Original) A building wall system as in claim 15 comprising at least one positioning plate with upwardly bent flanges for positioning beneath said wall panels, said flanges embracing portions of the respective base ends of two of said wall panels.

20. (Original) A building wall system as in claim 15 wherein said wall panels are for serving as the first tier in a multiple-tiered wall, in combination with a second building wall as in claim 15 to form a second tier for said multiple tiered wall, said second building wall being positioned on top of said first building wall.